

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16B12/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16B A47B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 1 411 799 A (MALHOMME ETS) 24 September 1965 (1965-09-24) page 1, column 1, paragraph 1; figures 1,2,5,7 page 2, column 1, paragraph 11 - page 2, column 2, paragraph 2	1,2,4
A	FR 770 609 A (CORNELIS) 17 September 1934 (1934-09-17) page 2, column 1, line 13 - page 2, column 2, paragraph 2; figures 1-8	1,4
A	FR 1 328 462 A (FOURNIER P.) 31 May 1963 (1963-05-31) page 1, column 2, paragraph 3 - paragraph 5; figures 1-3	1,4,8,9
		Express Mail No.: EV133141362US
		Mailed: 13 DEC 2005
-/-		

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

15 September 2004

Date of mailing of the international search report

23/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Jones, C

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/005536

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 730 109 A (KREIZEL W ET AL) 1 May 1973 (1973-05-01) abstract; figures 1-3 column 2, paragraph 2 - paragraph 3 -----	1, 3, 4
A	GB 832 943 A (MORRIS MATTHEW FREEDLAND) 21 April 1960 (1960-04-21) page 2, column 1, line 11 - line 35; figure 2 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/005536

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 1411799	A	24-09-1965	NONE	
FR 770609	A	17-09-1934	NONE	
FR 1328462	A	31-05-1963	NONE	
US 3730109	A	01-05-1973	NONE	
GB 832943	A	21-04-1960	NONE	